

Converting Colors

XYZ(68.1703, 56.3387, 91.2859)

Have a look what the booklet for
XYZ(68.1703, 56.3387, 91.2859)
contains.

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Color

**XYZ(68.1703, 56.3387,
91.2859)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B0F2
RGB	242, 176, 242
RGB Percent	95%, 69%, 95%
CMY	0.0510, 0.3098, 0.0510
CMYK	0.00, 0.27, 0.00, 0.05
HSL	300°, 72%, 82%
HSV	300°, 27%, 95%
XYZ	68.1703, 56.3387, 91.2859
YIQ	203.2580, 18.1500, 34.5180

Conversions

Conversions Part 2

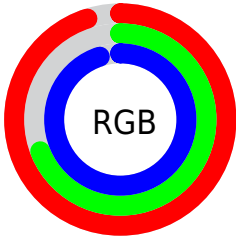
Format	Color
R _Y B	242, 176, 242
Decimal	15905010
CIE Lab	79.81, 34.61, -23.40
CIE LCh	80, 41.777, 325.930
Yxy	56.3387, 0.3159, 0.2611
Android (android.graphics.Color)	4294095090 (0xFFFF2B0F2)
YUV	203.2580, 19.0998, 33.9767
Hunter-Lab	75.0591, 30.7641, -19.5663

Details

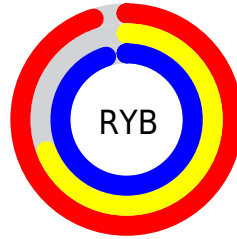
The XYZ color **68.1703, 56.3387, 91.2859** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.4954, 75.8708, 52.6916**, and the grayscale version is **56.8041, 59.7623, 65.0811**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **35.9535, 28.0254, 49.9689** is the 20% darker color. If you saturate the color by 10%, you get **63.8423, 47.6817, 89.8437**, and if you desaturate by 10%, it is **73.3476, 66.6922, 93.0124**.

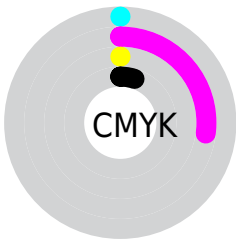
Distribution



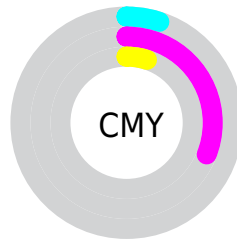
- Red (95%)
- Green (69%)
- Blue (95%)



- Red (95%)
- Yellow (69%)
- Blue (95%)



- Cyan (0%)
- Magenta (27%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (31%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.1703, 56.3387, 91.2859 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 68.1703, 56.3387, 91.2859 by changing the saturation by 10% instead.

68.1703, 56.3387,
91.2859

68.1703, 56.3387,
91.2859

443.4664,
410.9667, 552.8827

50.3105, 40.4745,
68.4679

115.6363, 99.4996,
151.0744

35.8790, 27.9087,
49.8095

145.9732,
127.5652, 188.8820

24.5104, 18.2569,
34.8919

181.1998,
160.4666, 232.5232

15.8395, 11.1346,
23.2967

221.6815,
198.5884, 282.4166

9.5007, 6.1574,
14.6054

267.7837,
242.3149, 338.9807

5.1289, 2.9410,
8.3994

319.8717,

2.3586, 1.1010,

292.0306, 402.6341

4.2601

378.3108,
348.1197, 473.7952

■ 0.8244, 0.0000,
1.7691

■ 0.0000, 0.0000,
0.4075

■ 68.1703, 56.3387,
91.2859

■ 68.1703, 56.3387,
91.2859

■ 63.8423, 47.6817,
89.8437

■ 73.3476, 66.6922,
93.0124

■ 60.3134, 40.6239,
88.6672

■ 79.4106, 78.8181,
95.0336

■ 57.5362, 35.0696,
87.7413

■ 86.3998, 92.7964,
97.3635

■ 55.4563, 30.9099,
87.0479

■ 88.4058, 96.8085,
98.0323

■ 54.0119, 28.0211,
86.5663

■ 88.4058, 96.8085,
98.0325

■ 53.1304, 26.2581,
86.2723

■ 88.4059, 96.8085,
98.0327

■ 52.7171, 25.4317,
86.1343

■ 88.4059, 96.8085,
98.0328

■ 52.6454, 25.2883,
86.1104

■ 88.4059, 96.8085,
98.0330

■ 88.4060, 96.8085,
98.0332

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.9739, 56.3387, 113.4442



68.1703, 56.3387, 91.2859



71.4500, 56.3387, 64.7060

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.1703, 56.3387, 91.2859



54.7099, 56.3387, 25.6440



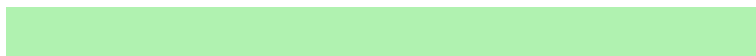
40.2220, 56.3387, 84.0300

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68.1703, 56.3387, 91.2859



57.4954, 75.8708, 52.6916

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.9182, 56.3387, 58.0991



68.1703, 56.3387, 91.2859



46.7514, 56.3387, 28.2840

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.1703, 56.3387, 91.2859



63.1782, 56.3387, 30.3015



41.1825, 56.3387, 38.7891



44.9502, 56.3387, 108.5401

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.1703, 56.3387, 91.2859



70.7455, 56.3387, 49.4346



41.1825, 56.3387, 38.7891



39.3915, 56.3387, 75.0256

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68.1721, 56.3412, 91.2871



88.8839, 87.6679, 106.8445



49.4593, 46.6944, 90.4118



18.7928, 18.3004, 22.7918



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.1721, 56.3412, 91.2871



73.8245, 57.5491, 101.8242



63.6539, 54.5339, 67.4950



16.4543, 16.0314, 19.9487



28.2811, 13.5849, 46.2585



2.3527, 1.1301, 3.8483

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.1721, 56.3412, 91.2871



73.8245, 57.5491, 101.8242



61.1674, 77.3396, 72.0280



16.4543, 16.0314, 19.9487



28.2811, 13.5849, 46.2585



2.3527, 1.1301, 3.8483

Previews

White Background



This preview shows how the XYZ color 68.1703, 56.3387, 91.2859 looks on a white background.

Color Contrast Check

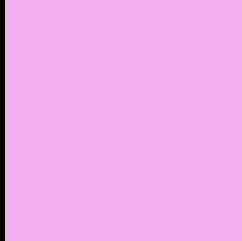
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 68.1703, 56.3387, 91.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.1703, 56.3387, 91.2859

Background



This preview shows how black text looks on a background with the XYZ color 68.1703, 56.3387, 91.2859.



This preview shows how white text looks on a background with the XYZ color 68.1703, 56.3387,

91.2859.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68.1703, 56.3387, 91.2859

Protanopia

57.3184, 56.7671, 102.5439

Deuteranopia

57.8977, 56.6859, 89.5513



Tritanopia

61.9256, 56.1911, 61.0082

Trichromacy



Original Color

68.1703, 56.3387, 91.2859



Protanomaly

60.3548, 56.1347, 98.0965



Deuteranomaly

60.9391, 55.9781, 90.0311



Tritanomaly

63.9214, 56.0799, 71.0738

Monochromacy



Original Color

68.1703, 56.3387, 91.2859



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

60.2096, 57.9014, 73.6483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1703, 56.3387, 91.2859 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 176, 242)` looks like.

```
.text, #text, p{  
    color:rgb(242, 176, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 176, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 176, 242) }
```

Border

The CSS property to change the border of an element to XYZ 68.1703, 56.3387, 91.2859 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 176, 242) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(242, 176, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(242, 176, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 176, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 176, 242);  
box-shadow:4px 4px 4px 4px rgb(242, 176,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1703, 56.3387, 91.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 176, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242,  
176, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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